



# STIC Search Report

## EIC 3700

STIC Database Tracking Number: 97159

TO: Kurt Fernstrom  
Location: cp2 10b14  
Art Unit: 3712  
Wednesday, June 25, 2003

Case Serial Number: 09/926203

From: John Sims  
Location: EIC 3700  
CP2, 2C08  
Phone: 308-4836

[john.sims@uspto.gov](mailto:john.sims@uspto.gov)

### Search Notes

Kurt: This search was done in quite a number of databases, but produced little in the way of useful results. Gregoire and Hayer hold a number of patents; earliest issued patent is WO 200056992, 09/28/00.

46

Access DB# 97159

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Kurt Fernstrom Examiner #: 75063 Date: 6/20/03  
Art Unit: 3712 Phone Number 305-0303 Serial Number: 09/926,208  
Mail Box and Bldg/Room Location: CP2 10B14 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.  
\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Device for organizing spaces & volumes

Inventors (please provide full names): Nicolas Gregoire, Philippe Hayer

Earliest Priority Filing Date: 3/24/99

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number. (Figs 1)

Claim 1 only - focus on telescoping walls for architectural model (Figs 2-5)

\*\*\*\*\*

## STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>J Sims</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>308-4836</u>	AA Sequence (#) _____	Dialog <u>✓</u>
Searcher Location: <u>ELC 3700</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: <u>6/25/03</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

1/3/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013415734 \*\*Image available\*\*  
WPI Acc No: 2000-587672/200055  
XRPX Acc No: N00-434836

**Adjustable partition system forming walls e.g. of display stand or model  
has sliding male and female sections and separable couplings**

Patent Assignee: ~~GREGOIRE N~~ (GREG-I); HAYER P (HAYE-I)

Inventor: GREGOIRE N; HAYER P

Number of Countries: 084 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200056992	A1	20000928	WO 2000FR552	A	20000306	200055 B
FR 2791234	A1	20000929	FR 993639	A	19990324	200057
AU 200031721	A	20001009	AU 200031721	A	20000306	200103
EP 1165901	A1	20020102	EP 2000909433	A	20000306	200209
			WO 2000FR552	A	20000306	
JP 2002540321	W	20021126	JP 2000606846	A	20000306	200307
			WO 2000FR552	A	20000306	

Priority Applications (No Type Date): FR 993639 A 19990324

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200056992 A1 F 27 E04B-002/74

Designated States (National): AE AL AU BA BB BG BR BY CA CN CR CU CZ DM  
EE GD GE HR HU ID IL IN IS JP KG KP KR LC LK LR LT LV MA MG MK MN MX NO  
NZ PL RO SG SI SK TR TT TZ UA US UZ VN YU ZA

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

FR 2791234 A1 A47B-047/00

AU 200031721 A E04B-002/74 Based on patent WO 200056992

EP 1165901 A1 F E04B-002/74 Based on patent WO 200056992

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 2002540321 W 31 E04B-002/74 Based on patent WO 200056992

1/3,AB/1

DIALOG(R)File 348:EUROPEAN PATENTS

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01213542

**ADAPTABLE DEVICE FOR DELIMITING AND ORGANISING SPACES AND VOLUMES**

**ANPASSBARE VORRICHTUNG ZUR ABGRENZUNG UND EINRICHTUNG VON RAUMEN UND  
VOLUMEN**

**DISPOSITIF ADAPTABLE DE DELIMITATION ET D'AMENAGEMENT DES ESPACES ET DES  
VOLUMES**

PATENT ASSIGNEE:

Gregoire, Nicaise, (3126790), 26, batiment J rue Paul Rivet, 92350 Le  
Plessis Robinson, (FR), (Applicant designated States: all)

Hayer, Philippe, (3126800), 26, batiment J rue Paul Rivet, 92350 Le  
Plessis Robinson, (FR), (Applicant designated States: all)

INVENTOR:

Gregoire, Nicaise, 26, batiment J rue Paul Rivet, 92350 Le Plessis  
Robinson, (FR)

Hayer, Philippe, 26, batiment J rue Paul Rivet, 92350 Le Plessis  
Robinson, (FR)

LEGAL REPRESENTATIVE:

Verdier, Louis et al (18954), Cabinet Argos Innovation & Associes, 5 bis,  
avenue Gilles, 94340 Joinville le Pont, (FR)

PATENT (CC, No, Kind, Date): EP 1165901 A1 020102 (Basic)

WO 200056992 000928

APPLICATION (CC, No, Date): EP 2000909433 000306; WO 2000FR552 000306

PRIORITY (CC, No, Date): FR 993639 990324

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: E04B-002/74; G09F-005/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): French; French; French  
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19/7/15 (Item 11 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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004358721

WPI Acc No: 1985-185599/ 198531

**Knock-down type** model building - has wall panels with  
**tongue-and-groove engagement with corner posts fittable into sockets of**  
**platform**

Patent Assignee: LAMB C R (LAMB-I)

Inventor: LAMB C R

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2151933	A	19850731	GB 8334565	A	19831229	198531 B
GB 2151933	B	19870812				198732

Priority Applications (No Type Date): GB 8334565 A 19831229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2151933	A		5		

Abstract (Basic): GB 2151933 A

The **model building** can be assembled from parts and disassembled for storage or transit. The **model** comprises a platform (1,2) formed with sockets and corner posts (5) with lower end portions for locating within the sockets. **Wall** panels (9,10) fit between adjacent corner posts by a **sliding** tongue and groove inter-engagement.

A roof arrangement (14,18) serves to locate the corner posts at their upper ends. The platform may be formed by the upper panels of two inter-secured boxes for holding the components of the **building** and any contents, or can be formed by hinged panels of a single box having hinged bottom and top halves.

USE - For toy, **model**, display or other use.

Abstract (Equivalent): GB 2151933 B

The **model building** can be assembled from parts and disassembled for storage or transit. The **model** comprises a platform (1,2) formed with sockets and corner posts (5) with lower end portions for locating within the sockets. **Wall** panels (9,10) fit between adjacent corner posts by a **sliding** tongue and groove inter-engagement.

A roof arrangement (14,18) serves to locate the corner posts at their upper ends. The platform may be formed by the upper panels of two inter-secured boxes for holding the components of the **building** and any contents, or can be formed by hinged panels of a single box having hinged bottom and top halves.

USE - For toy, **model**, display or other use.

Derwent Class: P36

International Patent Class (Additional): A63H-033/04

19/7/18 (Item 14 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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001884186

WPI Acc No: 1978-B3419A/ 197807

**Cellular building block for model construction - has socket, plug or**  
**slide -in coupling on at least one side**

Patent Assignee: MILBRADT-LOJDA U E (MILB-I)

Inventor: MILBRADT L U E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No.	Kind	Date	Week
DE 2634700	A	19780209				197807 B

Priority Applications (No Type Date): DE 2634700 A 19760802

Abstract (Basic): DE 2634700 A

The **building** block esp. for **model** construction has a cellular body with at least on one of its side surfaces as a socket connection (8) and/or a plug connection and/or a **slide** -in coupling (11). It enables a wide variety of different sizes of objects to be built.

The body has several sockets (8) and/or **slide** -in couplings (11) formed by three pairs of parallel **walls** (7) which cross-one another at right angles. **Slide** -in couplings for the cell can be effected using one-part or two-part coupling bodies (15, 18). The cell or coupling bodies or both have, in cross-section, a trapezoid shaped tongue or groove.

Derwent Class: P36; P85; Q68

International Patent Class (Additional): A63H-033/10; F16S-005/00;  
G09B-025/00

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19/7/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05482203 \*\*Image available\*\*  
PLATE MATERIAL FOR **BUILDING MODEL**

PUB. NO.: 09-097003 [JP 9097003 A]  
PUBLISHED: April 08, 1997 ( 19970408)  
INVENTOR(s): TSUDA SHINJI  
APPLICANT(s): TOSTEM KOBO KK [000000] (A Japanese Company or Corporation),  
JP (Japan)  
APPL. NO.: 07-274724 [JP 95274724]  
FILED: September 28, 1995 (19950928)

#### ABSTRACT

PROBLEM TO BE SOLVED: To make it possible to rapidly and easily execute the cutting to desired sizes and the formation of the sets of plate materials for **walls** without measuring the plate materials by putting marks longitudinally and transversely at an equal pitch of the fractions of a half KEN (Japanese unit of length) to the plate materials constituting the **model** of a **building**.

SOLUTION: This **model** consists of the plate materials 1 for floors, the plate materials 2 for outside **walls** and the plate materials 3 for inside **walls**. The plate materials 1 to 3 are formed by lining the front and rear surfaces of foamed plate materials consisting of, for example, styrene resins, etc., with paper and drawing points 4 longitudinally and transversely on their front surfaces as the marks in cutting the plate materials in order to set the position to mount paper **sliding** doors or the plate materials 3 for the inside **walls** or to match the external shape sizes of the **building**. For example, the plate materials 1 for the floors are formed by drawing the marks longitudinally and transversely thereon at an equal pitch of the fractions (for example, 1/3 to 1/2) of a half KEN. The outer peripheries of the plate materials for the floors meeting the size of the room of an arbitrary area are formable by cutting the plate materials along the rows of these points. The sticking of the plate materials 3 for the inside **walls** by aligning the rear surfaces thereof to the points 4 is possible as well.

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15/7/11 (Item 4 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
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00541737 E.I. Monthly No: EI7606038805 E.I. Yearly No: EI76035977  
**Title: USING SCALE MODELS TO PREDETERMINE LIGHTING SYSTEM PERFORMANCE.**  
Author: Macleod, Robert B. Jr.  
Corporate Source: TLA-Light Consult Inc, Salem, Mass  
Source: Plant Engineering (Barrington, Illinois) v 30 n 3 Feb 5 1976 p  
69-71

Publication Year: 1976  
CODEN: PLENAV ISSN: 0032-082X  
Language: ENGLISH  
Journal Announcement: 7606

Abstract: A scale model of the proposed lighting installation permits any of the component parts of the system to be changed or varied in a matter of minutes. Any number of proposed approaches can be compared at relatively little cost. Although the principal advantage of using scale models is in being able to get an actual " feel " for the appearance of the finished installation, the scale model also permits quantitative measurements to be taken. For maximum versatility, the **model** should be **constructed** as a frame that will accommodate **slide** -in panels representing the **walls** and floors. This construction will permit all types of wall and floor colors and textures to be evaluated.



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Set	Items	Description
S1	2	AU='HAYER P'
S2	91219	MODEL? ? OR SCALE()MODEL? ?
S3	1162624	PARTITION? OR WALL? ?
S4	1496224	SLIDE? ? OR SLIDING? OR ADJUST?
S5	16496	S4(4N)S3
S6	512169	EXPAND? OR EXPANS? OR TELESCOP?
S7	8074	S6(4N)S3
S8	24387	S5 OR S7
S9	63	S2 AND S8
S10	881192	COUPL?
S11	6	S9 AND S10
S12	57	S9 NOT S11
S13	43	S12 AND PY<2000
S14	442361	ARCHITEC? OR BUILDING?
S15	2873	S2 AND S14
S16	296	S3 AND S15
S17	1946091	S4 OR S6
S18	34	S16 AND S17
S19	19	S18 AND PY<2000

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File 347:JAPIO Oct 1976-2003/Feb(Updated 030603)  
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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200339  
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File 371:French Patents 1961-2002/BOPI 200209  
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et        Items    Description  
S1            1    AU='HAYER PHILIPPE'  
? show files  
File 348:EUROPEAN PATENTS 1978-2003/Jun W03  
          (c) 2003 European Patent Office

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Set	Items	Description
S1	3561604	MODEL? ? OR SCALE()MODEL? ? OR DISPLAY? ?
S2	910211	WALL? ? OR PARTITION? ?
S3	3603314	SLIDE? ? OR SLIDING? OR ADJUST? OR TELESCOP? OR EXPAND? OR EXPANS? OR EXTEND?
S4	9797	S3(4N)S2
S5	812	S1(S)S4
S6	934009	COUPL?
S7	86	S5 AND S6
S8	75	RD (unique items)
S9	5828941	ARCHITEC? OR BUILDING? OR CONSTRUCT? OR EDIFIC? OR HOUSE?
S10	42	S8 AND S9

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Set	Items	Description
S1	9119231	MODEL? ? OR SCALE()MODEL? ? OR DISPLAY? ?
S2	1146563	WALL? ? OR PARTITION? ?
S3	3335310	SLIDE? ? OR SLIDING? OR ADJUST? OR TELESCOP? OR EXPAND? OR EXPANS? OR EXTEND?
S4	12391	S3(4N)S2
S5	1955	S1(S)S4
S6	1754730	COUPL?
S7	148	S5 AND S6
S8	83	RD (unique items)
S9	4503876	ARCHITEC? OR BUILDING? OR CONSTRUCT? OR EDIFIC? OR HOUSE?
S10	7	S8 AND S9
S11	7	RD (unique items)
S12	162042	S1(3N)S9
S13	28	S4(S)S12
S14	27	S13 NOT S11
S15	17	RD (unique items)
S16	15137	S1(S)S2(S)S3
S17	1577	S16 AND S9
S18	92231	SCALE()MODEL?
S19	61	S17 AND S18
S20	54	RD (unique items)
S21	51	S20 NOT (S13 OR S11)
S22	75	S11 OR S15 OR S21
S23	75	RD (unique items)
S24	60	S23 AND PY<2000

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